

Armeen 18D

Octadecylamine

Distilled primary octadecyl amine

Specifications

Amine number	204-213 mg KOH/g
Color	0-1 Gardner
Iodine value	0-3 g I ₂ /100 g
Moisture	≤ 0.5 %
Neutralization equivalent	263-275 g/eq
Primary Amine	≥ 98 %
Secondary Amine	≤ 2 %

Characteristics

Appearance	Solid at 25°C
Equivalent mass	269 g/eq
Flash point	≥150 C
HLB	8 Davies Scale 0-40
Initial boiling point	166°C (2 mm Hg), 196°C (8 mm Hg), 232°C (32 mm Hg), 349°C (760 mm Hg)
Melting point	56 °C
pKb	3.4
Pour point	46 °C
Solubility in water	9.3(65), 7.5(70), 4.0(80) % (@ C)
Specific Gravity	0.791(60), 0.784(70)
Specific Heat BTU/Lb/F	0.54 BTU/Lb/F
Vapor pressure	≤ 0.1 mm Hg @20 C
Viscosity	43.7(55), 42.2(65), 39.9(75) SSU

Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

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The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a blue sans-serif font.